

Figure 1A

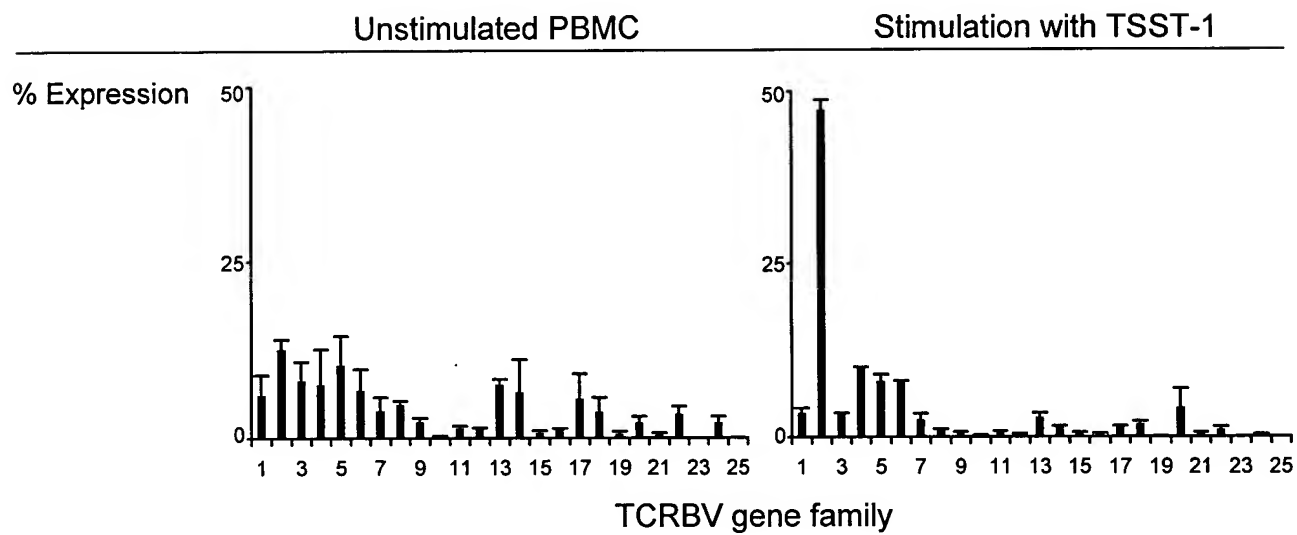


Figure 1B

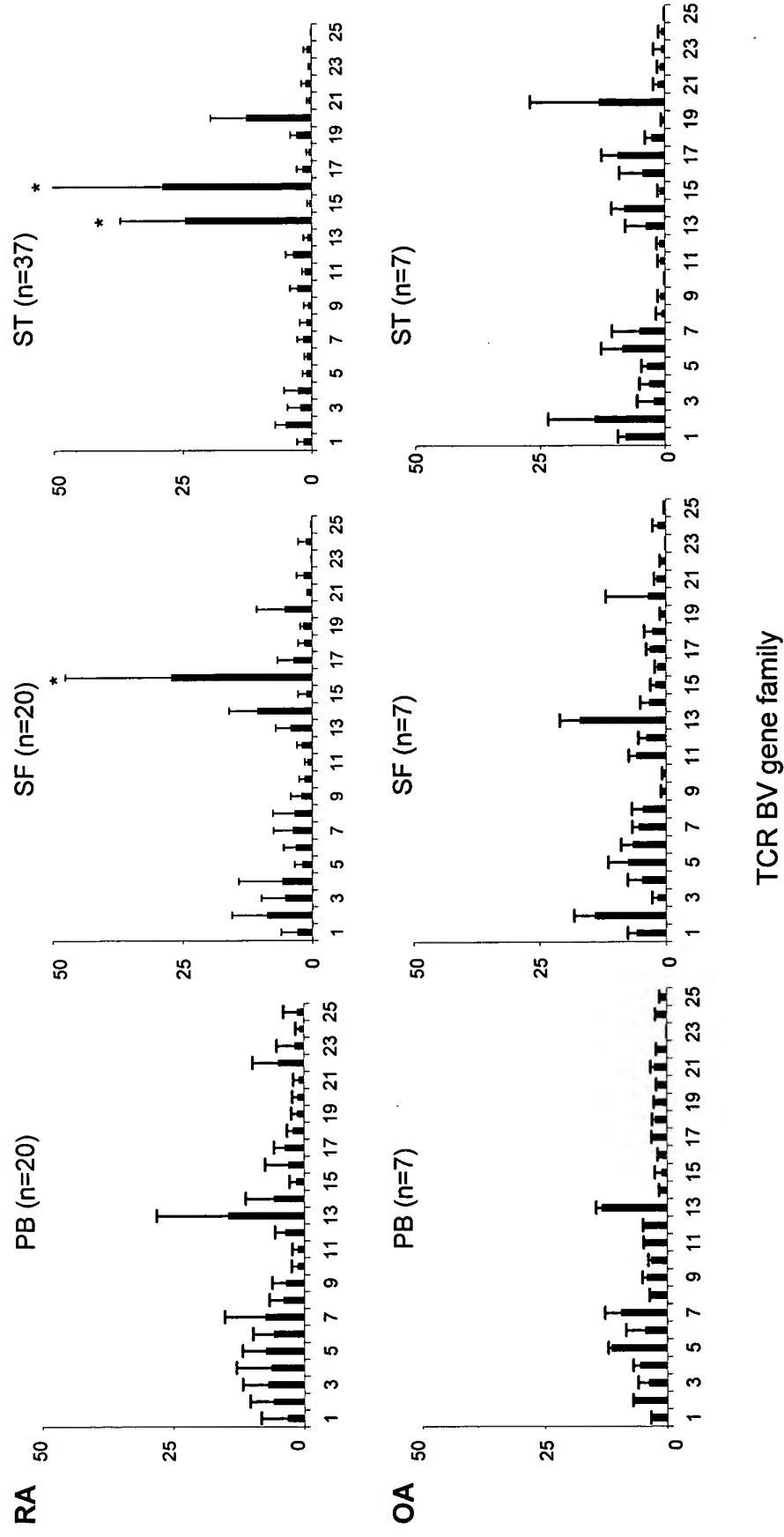


Figure 2

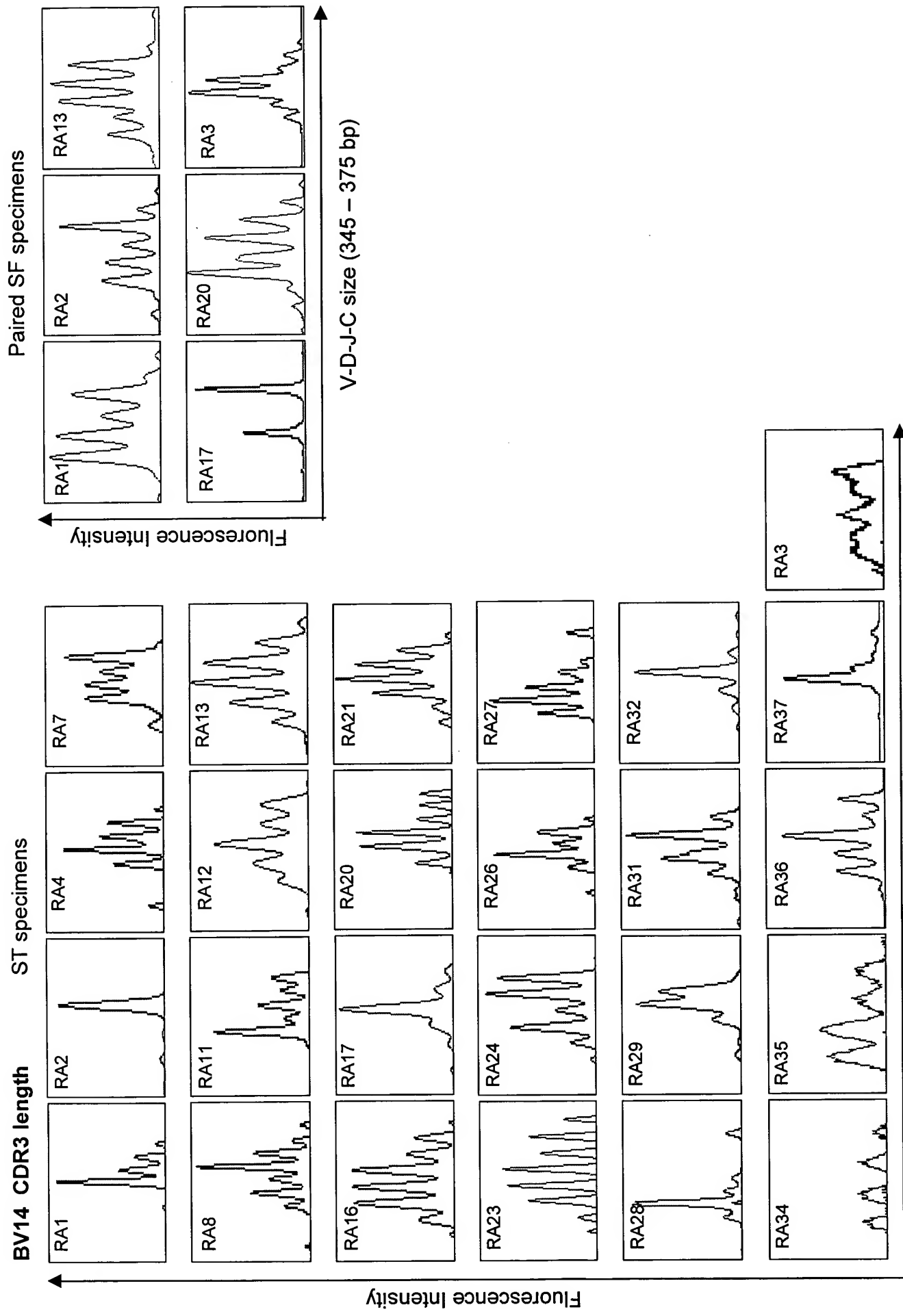
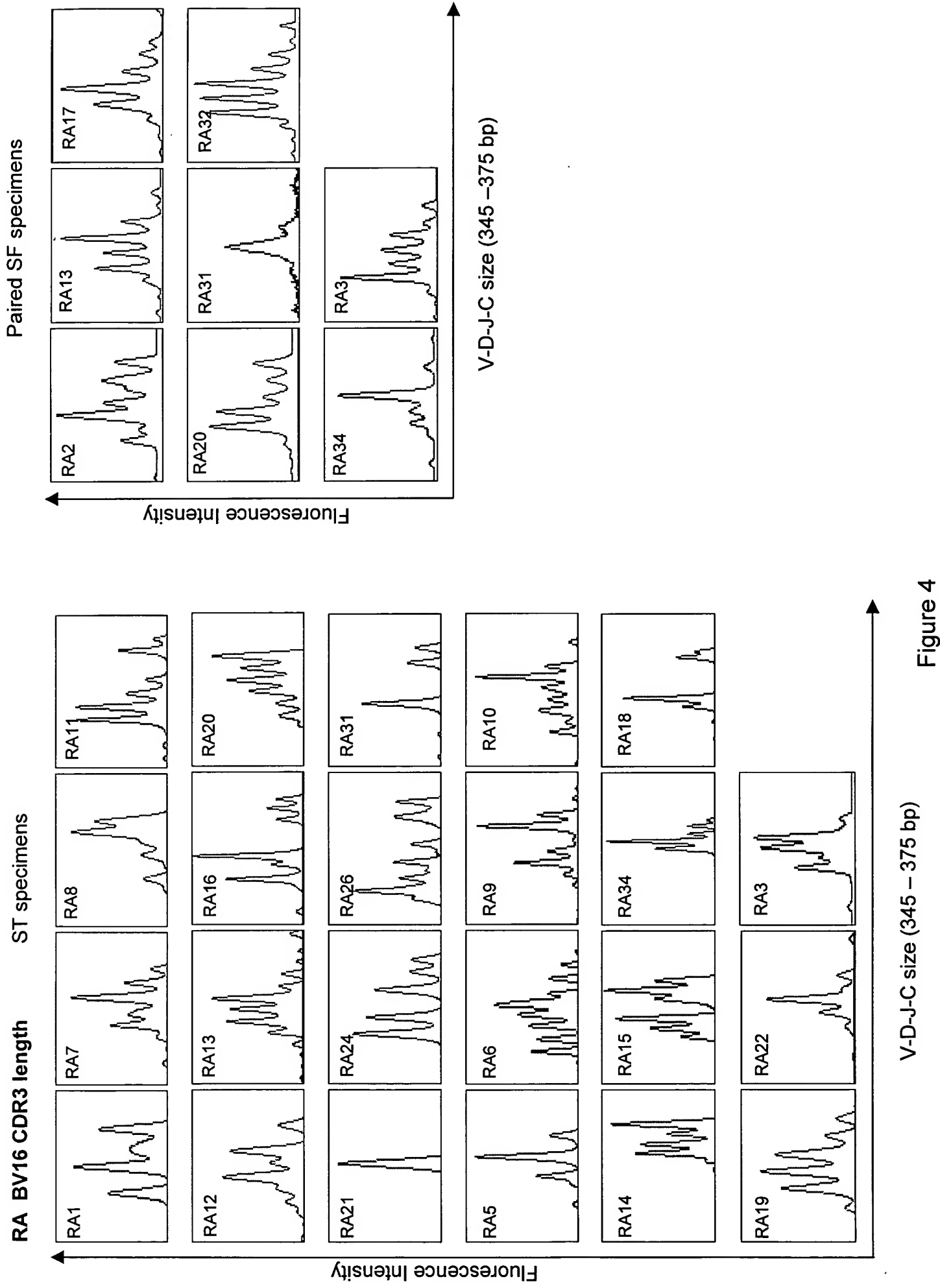


Figure 3



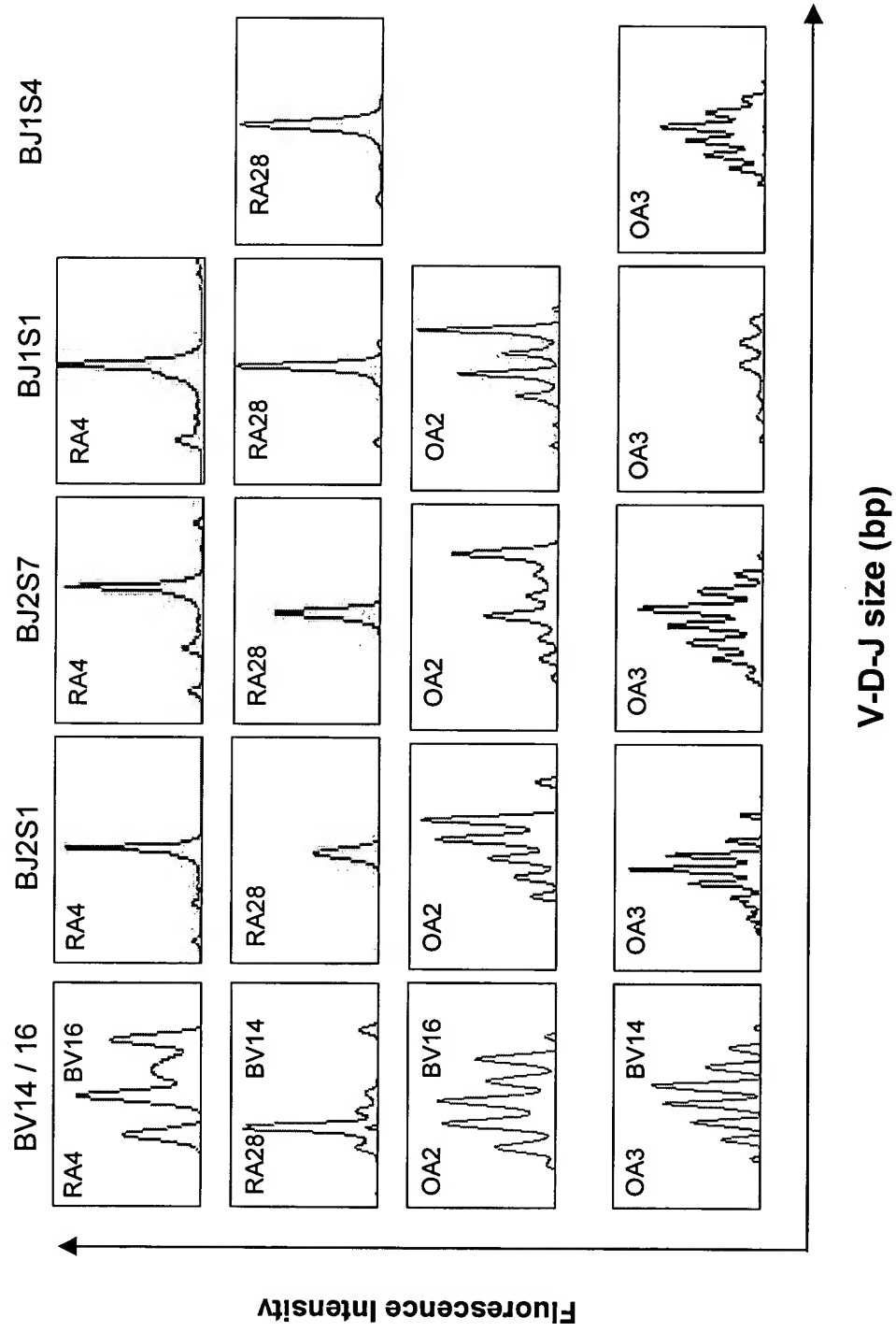
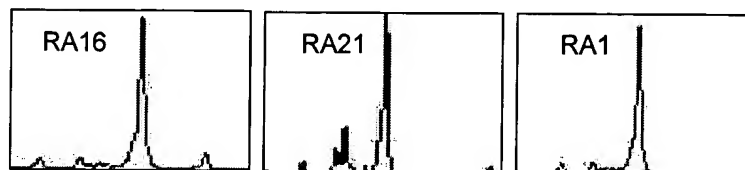


Figure 5

BV16

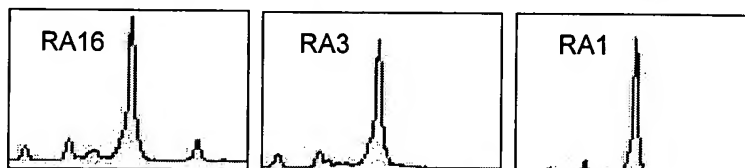
Clonotype 1

BV16 – BJ2S1
CDR3 length 24 bp



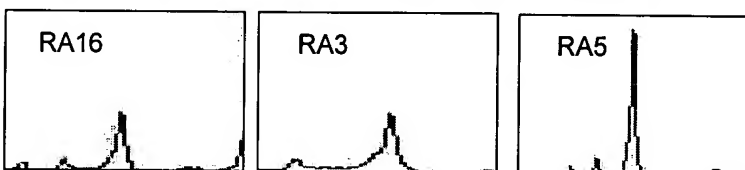
Clonotype 2

BV16 – BJ2S7
CDR3 length 21 bp



Clonotype 3

BV16 – BJ1S1
CDR3 length 15 bp

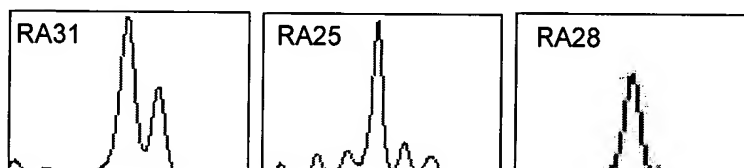


Fluorescence Intensity

BV14

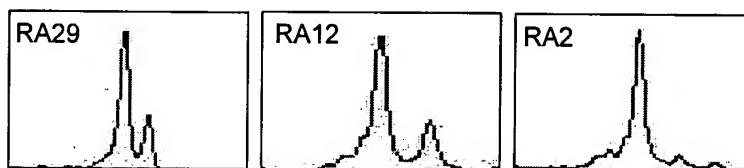
Clonotype 1

BV14 – BJ2S1
CDR3 length 24 bp



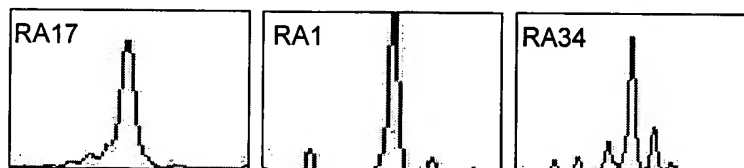
Clonotype 2

BV14 – BJ2S7
CDR3 length 21 bp



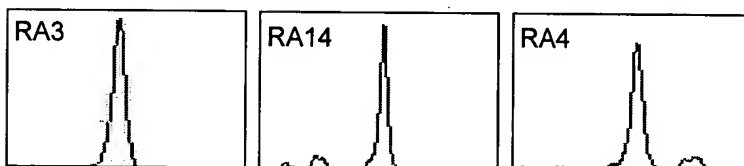
Clonotype 3

BV14 – BJ1S1
CDR3 length 15 bp



Clonotype 4

BV14 – BJ1S4
CDR3 length 15 bp



Fluorescence Intensity

V-D-J size (bp)

Figure 6